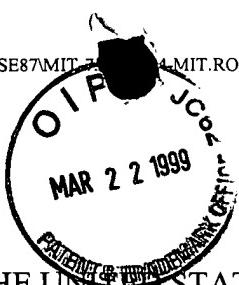


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CSE87
CSE/jwb
February 24, 1999



GAU 1615
PATENT APPLICATION
DOCKET NO.: MIT-7513/7804

MAR 24 1999

8/Rev + Power
of atty

GROUP 1800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David A. Edwards, Robert S. Langer, Rita Vanbever, Jeffrey Mintzes, Jue Wang and Donghao Chen

Serial No.: 08/971,791 Group Art Unit: 1615

Filed: November 17, 1997 Examiner: R. Bawa

Title: PREPARATION OF PARTICLES FOR INHALATION

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Honorable Commissioner of Patents and Trademarks, Washington D.C. 20231

on March 18, 1999 Judy Breen

Date Signature

Judy Breen

Typed or printed name of person signing certificate

REVOCATION OF POWERS OF ATTORNEY
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Massachusetts Institute of Technology, a Corporation duly organized under the laws of the Commonwealth of Massachusetts, is an assignee together with The Penn State Research Foundation, of the entire right, title and interest in the above-identified application. Massachusetts Institute of Technology hereby appoints the attorneys and/or agents associated with:

Hamilton, Brook, Smith & Reynolds, P.C.
2 Militia Drive
Lexington, Massachusetts 02421-4799
Customer No. 21005

also Anabela C. Taylor, Registration No. 38,999 of Hamilton, Brook, Smith & Reynolds, P.C., to prosecute the above-identified application and any divisions or continuations thereof and to conduct all business in the United States Patent and Trademark Office. All previously granted Powers of Attorney are hereby revoked.

Certification under 37 C.F.R. §3.73(b) is submitted herewith.

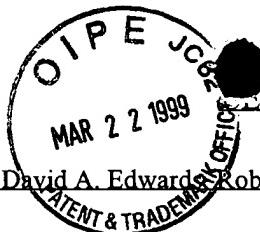
All correspondence should be sent to Carolyn S. Elmore, Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799. Please direct all telephone calls to Carolyn S. Elmore at (781) 861-6240, and all facsimile communications to (781) 861-9540.

Respectfully submitted,
Massachusetts Institute of Technology

By Jarmila Z. Hrbek
Jarmila Z. Hrbek

Title: Patent Administrator and Office Manager
MIT Technology Licensing Office

Date March 1, 1999



Applicants: David A. Edwards, Robert S. Langer, Rita Vanbever, Jeffrey Mintzes, Jue Wang and Donghao Chen

Application No.: 08/971,791 Filed: November 17, 1997

For: PREPARATION OF PARTICLES FOR INHALATION

Massachusetts Institute of Technology, a Corporation,
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is

- A. the assignee of the entire right, title and interest in the patent application identified above.
- B. an assignee together with The Penn State Research Foundation of the entire right, title and interest in the patent application identified above. A separate Certificate under 37 CFR § 3.73(b) is attached.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. An assignment from inventors, Robert S. Langer and Rita Vanbever, of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9108, Frame 0667-0671, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: March 1, 1999

Name: Jarmila Z. Hrbek

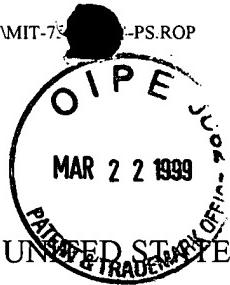
Title: Patent Administrator and Office Manager
MIT Technology Licensing Office

Signature: Jarmila Z. Hrbek

CSE87

CSE/jwb

February 24, 1999



PATENT APPLICATION
DOCKET NO.: MIT-7513/7804

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David A. Edwards, Robert S. Langer, Rita Vanbever, Jeffrey Mintzes, Jue Wang and Donghao Chen

Serial No.: 08/971,791 Group Art Unit: 1615

Filed: November 17, 1997 Examiner: R. Bawa

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Signature

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Typed or printed name of person signing certificate

REVOCATION OF POWERS OF ATTORNEY
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The Penn State Research Foundation, a Corporation duly organized under the laws of the Commonwealth of Pennsylvania, is an assignee together with Massachusetts Institute of Technology, of the entire right, title and interest in the above-identified application. The Penn State Research Foundation hereby appoints the attorneys and/or agents associated with:

Hamilton, Brook, Smith & Reynolds, P.C.

2 Militia Drive

Lexington, Massachusetts 02421-4799

Customer No. 21005

also Anabela C. Taylor, Registration No. 38,999 of Hamilton, Brook, Smith & Reynolds, P.C., to prosecute the above-identified application and any divisions or continuations thereof and to conduct all business in the United States Patent and Trademark Office. All previously granted Powers of Attorney are hereby revoked.

Certification under 37 C.F.R. §3.73(b) is submitted herewith.

All correspondence should be sent to Carolyn S. Elmore, Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799. Please direct all telephone calls to Carolyn S. Elmore at (781) 861-6240, and all facsimile communications to (781) 861-9540.

Respectfully submitted,
Penn State Research Foundation

By _____

Thomas J. Monahan

Title: Director, Intellectual Property Office

Date March 16, 1999

O I P E
MAR 22 1999

CERTIFICATE UNDER 37 C.F.R. § 3.73

Applicants: David A. Edwards, Robert S. Langer, Rita Vanbever, Jeffrey Mintzes, Jue Wang and Donghao ChenApplication No.: 08/971,791Filed: November 17, 1997For: PREPARATION OF PARTICLES FOR INHALATIONThe Penn State Research Foundation

(Name of Assignee)

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is

- A. the assignee of the entire right, title and interest in the patent application identified above.
- B. an assignee together with Massachusetts Institute of Technology of the entire right, title and interest in the patent application identified above. A separate Certificate under 37 CFR § 3.73(b) is attached.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. An assignment from inventors, David A. Edwards, Jeffrey Mintzes, Jue Wang and Donghao Chen, of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9108, Frame 0695-0702, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
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Date: March 16, 1999Name: Thomas J. MonahanTitle: Director, Intellectual Property OfficeSignature: 